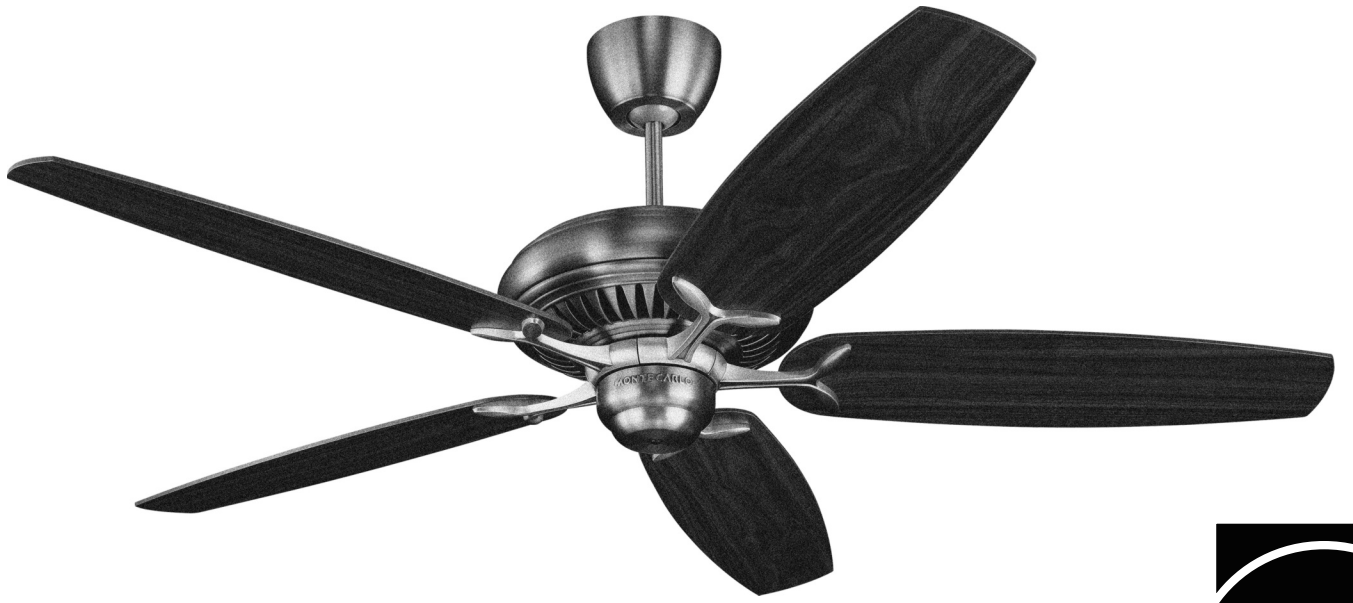
MONTE CARLO

CEILING FAN COMPANY

Owner's Guide and Installation Manual



Warning: Only blades that come with the fan are accepatable for installation.
Warning: This fan uses dimmable remote controller. Do not install light kit with SBCFL (Self-Ballasted Compact Fluorescent Lamp) on this fan.

5DCR60XX Series Fan

UL Model No. : AC-560DC

Attach sales receipt to this card and retain as your proof of purchase

DATE OF PURCHASE: _____ **RETAILER NAME:** _____

MODEL NUMBER: _____ **RETAILER ADDRESS:** _____

To register your fixture, please visit our website www.montecarlofans.com

c UL us LISTED

11 kgs
24.2 lbs

Total fan weight

Cautions and Warnings

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING
READ AND SAVE THESE INSTRUCTIONS

Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70-1999), including fire-rated construction.

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box. The splices, after being made, should be turned upward and pushed carefully up into the outlet box.

WARNING: Before you begin installing the fan, servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.

WARNING: To Reduce The Risk Of Fire, Electric Shock, or Personal Injury, Mount To Outlet Box Marked “Acceptable for Fan Support of 31.8 kg (70 lbs) or less” And Use Mounting Screws Provided With The Outlet Box.

WARNING: To reduce the risk of personal injury, do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.

Attach the mounting bracket using only the hardware supplied with the outlet box.

WARNING: To reduce the risk of fire or electric shock, this fan must be installed with an isolating wall control/switch.

WARNING: To reduce the risk of fire or electric shock, this fan should only be used with fan speed control part no. BJX1514AST manufactured by Air Cool Industrial Co., Ltd.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.

If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

Never place a switch where it can be reached from a tub or shower.

The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit’s operation. Follow the heating equipment manufacturer’s guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.

CAUTION: To Reduce the Risk of Electric Shock, Disconnect the electrical supply circuit to the fan before installing the light kit.

All set screws must be checked and tightened where necessary before installation.

Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers.

Cutomer Service
800-969-3347

Customer Service Center
7400 Linder Ave.
Skokie, IL 60077
www.montecarlofans.com

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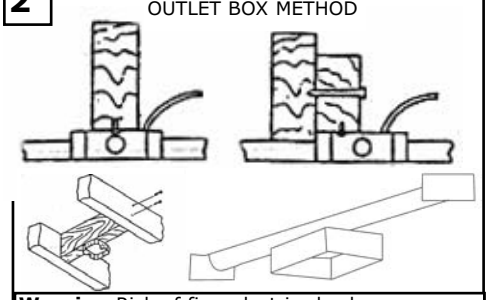
1

Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

2

OUTLET BOX METHOD



Warning-Risk of fire, electric shock, or personal injury. The fan in this box may be either directly supported from a structural framing member of a building and/or may be mounted to an outlet box marked acceptable for fan support of of 31.8kg (70 lbs) or less. Most outlet boxes commonly used for the support of lumminaires may not be acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

3

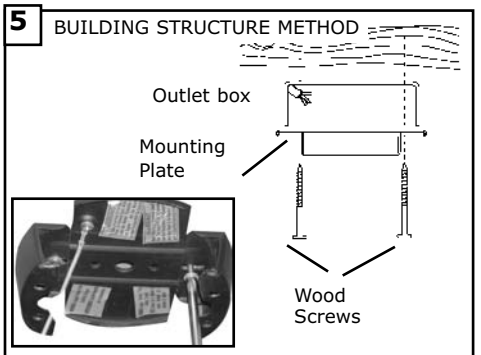
Remove Safety bar from mounting bracket by loosing screws, sliding bar to side, and lifting it off the 2 screws.

4

Remove the 6 screws attaching the Mounting neck the mounting plate. Retain the 6 screws for re-assembly.

5

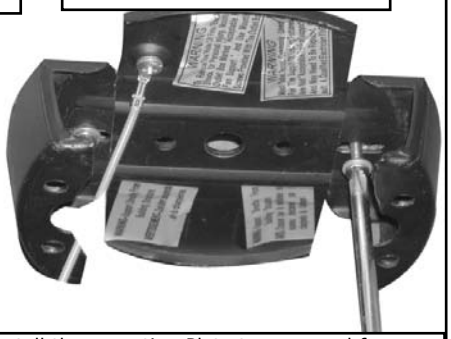
BUILDING STRUCTURE METHOD



Secure mounting plate directly to a joist from the buliding structure via the two knock out holes on the outlet box. Use only the appropriate wood screws and washers included with your fan. Caution: Wood screws must go through into the building joist.

6

FAN BRACE AND BOX METHOD



Install the mounting Plate to approved fan brace and box combination use only the hardware provided with the fan brace and box.

7

Lift mounting neck to mounting Plate and align screws.

8

Secure mounting neck to the mounting plate with 6 screws to become a complete mounting bracket.

9

Remove the keeper pin and cotter pin.

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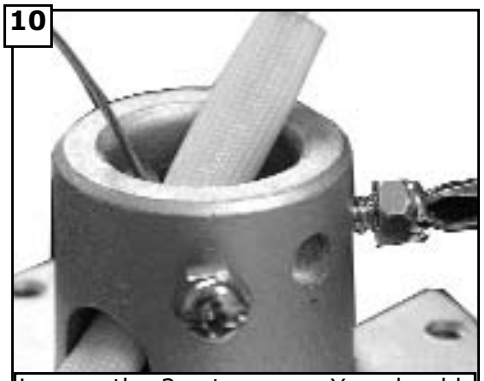
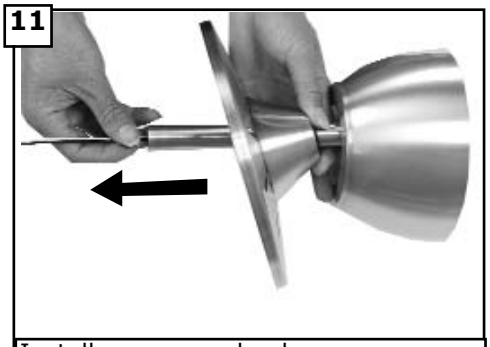
10



Loosen the 2 set screws. You should be able to put your downrod into the yoke.

11

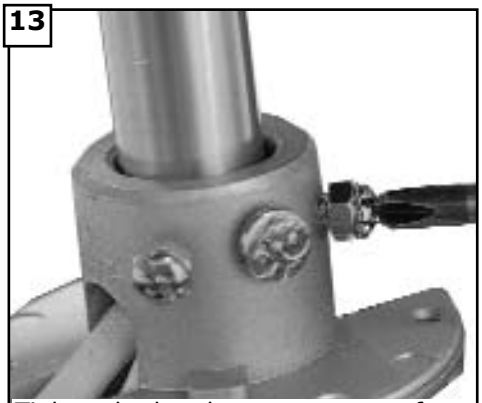


Install canopy and yoke cover over the downrod. Thread wire through downrod with canopy and yoke cover assembled.

12

Insert downrod into motor yoke. Next, insert clevis pin through yoke and downrod and secure with cotter pin.

13



Tighten both yoke set screws to further secure downrod. Reinstall the downrod ball previously removed.

14

Install the two thumbscrews to secure the yoke cover. Tighten securely.

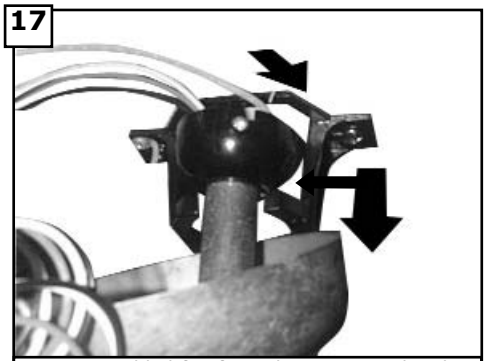
15

Remove the shipping stabilizers and discard.

16

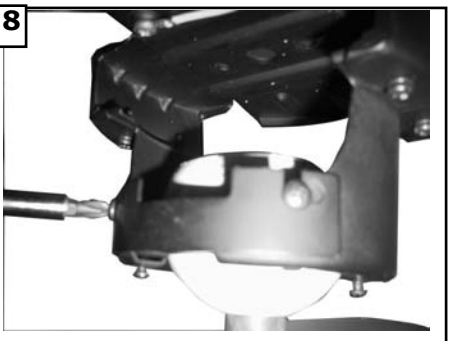
Carefully lift fan assembly onto mounting bracket. Rotate fan so that the notch on the ball engages the ridge in the mounting bracket. This will allow hands-free wiring.

17



Hang assembled fan from the mounting bracket installed to ceiling in previous step. Make sure the fan is hanging straight. Rotate fan until the tab on the Mounting bracket engages the slot on the Downrod Ball. This must be done to prevent the fan body from rotating when the blades are in motion.

18



Re-install safety bar removed in step. 3 by placing safety bar on screws, sliding into place, and tightening the 2 screws.

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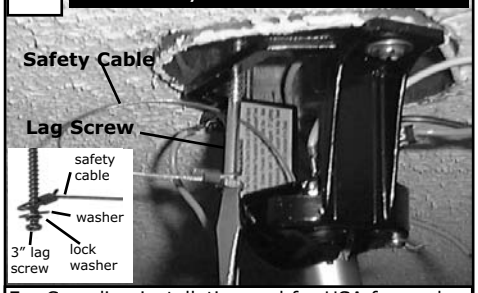
19 Safety cable installation

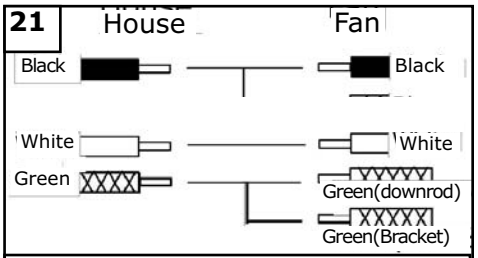


For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod mode the safety cable must be installed into the house structure beams using the 3" lag screws,washers, and lock washers. provided. Make sure that when the safety cable is fully extended the leadwires are longer than the cable and no stress is placed on the lead-wires.

20

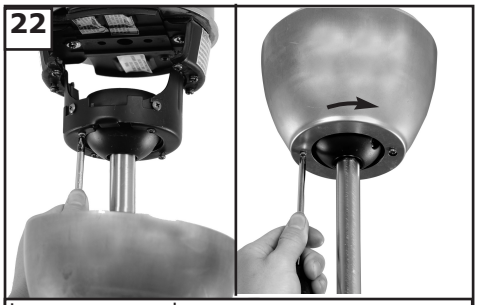
Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

21



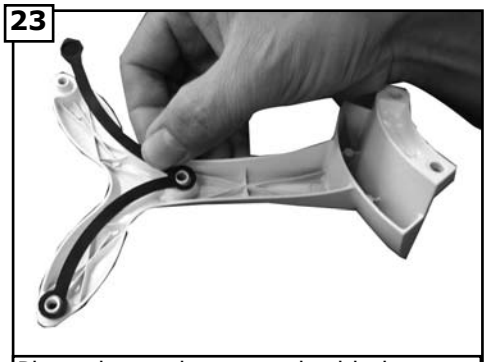
Make sure that all exposed wiring is secured inside wire nuts. Note: Wires from house may vary in color and may not include ground wire. After wiring is conplete, gently push wires into junction box with wire nuts pointing upward. Refer to point 3 of safety tips.

22



Loosen one and remove one preassembled screw from mounting bracket. Save screw. Lift canopy up, aligning its keyhole slot with the preassembled screw on mounting bracket and twist clockwise to lock in place. Re-install the removed screw and tighten all screws securely.

23

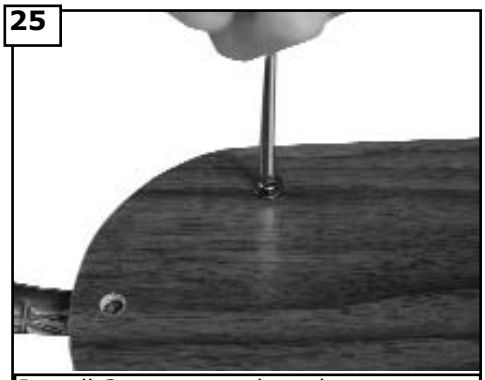


Place the gasket onto the blade bracket as shown above.

24

Warning: Only blades that come with the fan are accepatable for installation.
Place blade onto blade bracket with gasket.

25



Install 3 screws and washers per blade and tighten securely. Repeat for all 5 blades.

26

Attach blade assembly to motor using the motor screws and washers provided. Tighten screws securely.

27

Loosen 2 screws and remove 1 screw and save.

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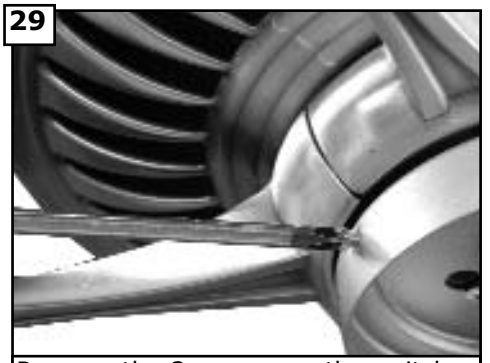
28

Install the switch housing plate by aligning the 2 screws with the 2 key slot holes on the plate and twist to lock into place. Install the 1 screw removed and tighten the other 2 screws securely.

29



Remove the 3 screws on the switch housing plate and save.

30

Install the switch housing using the three screws previously removed.

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Receiver learning function (DC motor)

After the fan is powered (DC motor), the receiver will start sourcing the frequency in the first 30 seconds; during the time, any instruction from the transmitter (pressing any button) will be recognized and memorized as the ID frequency of the using transmitter; frequencies from the other transmitters won't be identified as the instruction to operate your fan. When the power is off and on again, if the receiver does not receive the frequency from the transmitter in 30 seconds, receiver will automatically use last frequency set before the power off.

Setting up the DIP switch: Follow below steps:

1.Cut off power supply (turn off the power switch) to the fan before setting up and matching between the fan and the transmitter.

2.Then set/change the DIP switch on the transmitter wanted to work with the fan.

3.Then re-connect the power supply (turn on) the fan again. **If the power is on already, you must turn the power off first (turn off the power switch) and then turn the power back for learn function setting.**

4.Push any key on transmitter within 30 second (**Keep pusing the key for at least 3 seconds**), the fan will match and set up with the transmitter.

5.Repeat the above steps for the other set of fans and transmitters in the house.

Special note:

1.If there is a power failure, and you have more than one fan inside the house, do not push the transmitter within 60 seconds, otherwise the transmitter signal will be picked up by all fans and the fans cannot be controlled separately.

2.The fan can remember the running setting before power failure or cut off.

3.If the new fan runs after connected to power, it may be due to the fan remembering the previous running setting in the factory during the QC process, push "stop" key on transmitter twice to stop.

Operation & Installation:

1. Remove the battery cover and the battery from the transmitter, you will see 4 dipswitches with on/off printing, adjust the dipswitches with your own choice (different combinations).

2. Power your fan, use the transmitter to send the signal to the receiver by pressing any button on the transmitter, the receiver will memorize the frequency from the transmitter as the ID signal from now.

3. Refer to page 8 for remote control transmitter features.

Tips for end users:

1. Once the power is off from last using and you want to restart your fan, in case there are two fans or more in your house with the same transmitter and receiver set, REMEMBER to wait for 60 seconds before using the transmitter, otherwise it will cause a transmitter to control both fans in the same time.

2. Receiver has the memory function, fan will automatically return to the previous setting before power off.

3. If your fan is operated automatically after installation, it is because your fan still memorize the previous setting at factory, just simply press the "stop" button on the transmitter twice to stop your fan.

4. When fan is turned on or operated forward/reverse function, it shutters & goes back & forth until it turns. It is a normal performance of this fan and it will take for few seconds to run this operation.

5. If fan or light isn't working, reset the power (turn power off and then turn it back) and redo the learn function.

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NOTE: If you have more than 1 fan with a remote, you will have to change the DIP switch settings located above the battery of the remote. There are no DIP switches on the fan. Only change the remote DIP switches.

FAN REVERSE (Press once to change direction of the fan)with fan running.

When the low battery sign is shown on the LCD display, replace a new battery.

Memory for fan speed. Press "M", fan will run at the speed as last setting if it was turned off by remote controller

Pressing the light delay button activates the light delay function. The light will automatically shut off after 1 minute.

LIGHT ON/OFF SETTING AND DIMMER (Press and hold to dim light infinitively)

Fan speed control

FAN OFF SETTING (Turns fan off only)

FAN SPEED Depress "#1 bar is for highest speed.The #7 bar is for the lowest speed.

LIGHT DIMMER To turn light on, press light dimmer once quickly. To turn offpress once quickly while light is on. To dim light hold down button "light dimmer". The light will cycle from bright to dim to bright until button is released. Light willmaintain last setting if turned off. You can see the percentage on the display screen.

FORWARD/REVERSE Depress reverse button and allow a few seconds for remote to change rotation direction with fan running. The fan will come to a complete stop and then run in the opposite direction. This process may take 20-30 seconds.

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Trouble Shooting

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

1. If fan does not start:	1.Check main and branch circuit fuses or circuit breakers. 2.Check line wire connections to fan and switch wire connections in switch housing. 3.Check learn function setting. **CAUTION: Make sure main power is turned off.**
2. If fan sounds noisy:	1.Check to make sure all screws in motor housing are snug (not over tightened). 2.Check to make sure the screws which attach the fan blade holder to the motor are tight. 3.Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. **CAUTION: Make sure main power is turned off before entering switch housing.** 4.Some fan motors are sensitive to signals from Solid State variable speed controls. **DO NOT USE a Solid State variable speed control.** 5.Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1.Make sure that the ridge of the canopy engages the notch in the downrod ball. 2.Check that all blades are screwed firmly into blade holders. 3.Check that all blade holders are tightened securely to motor. 4.Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 5.Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance from blade tip to ceilng. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6.If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
4. If light does not work:	1.Check wire from fan to make sure it is connected to hot wire from house. 2.Check for loose or disconnected wires in fan switch housing. 3.Check for loose or disconnected wires in light kit. 4.Check for faulty light bulbs. 5.Check learn function setting. **CAUTION: Make sure main power is turned off before entering switch housing.** **Warning: Only blades that come with the fan are accepatable for installation.** **Warning: This fan uses dimmable remote controller. Do not install light kit with SBCFL (Self-Ballasted Compact Fluorescent Lamp) on this fan.**

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Apr.2012 New format

Sep.5.2012 update about learn function setting